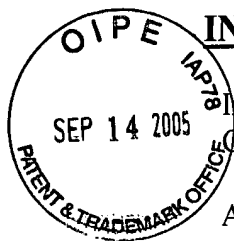


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Gary W. Johnson

Application Serial No. 10/733,892

Filed December 11, 2003

MAGNETIC POSITION SENSOR HAVING
DUAL ELECTRONIC OUTPUTS

) Before the Examiner

) Kenneth Whittington

) Group Art Unit 2862

) Ref. No. 3448-129

) September 12, 2005

RESPONSE TO FINAL OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the final Office Action dated August 22, 2005, please enter and consider the following amendments and remarks. Additionally, please provide any extensions of time necessary and charge any additional fees which may be necessary to Deposit Account No. 12-2424, but not to include any payment of issue fees.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

September 12, 2005

Date of Deposit

Brad A. Schepers

Name of Registered Representative

Signature

September 12, 2005

Date of Signature

INTRODUCTORY COMMENTS

Claims 1-40 were pending in the subject application for the final Office Action dated August 22, 2005. Claims 1-29 have been allowed. Claims 30, 31, 36 and 38-40 have been rejected on various grounds. Claims 32-35 and 37 have been objected to, but have been indicated as allowable if rewritten in independent form. In view of the following amendments and remarks, reconsideration and allowance of the subject application are hereby requested.